

*Taking Glass Fabrication to the Next Level*

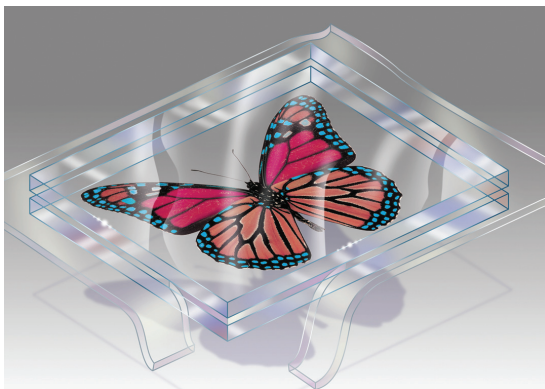
# JEB FUSION™

Laminated Glass



## SentryGlas® EXPRESSIONS™

*Using DuPont™ Technology  
Digitally-Printed PVB Interlayer*



## SentryGlas®

*Using DuPont™ Ionoplast Interlayer*



**JEBERKOWITZ, LP**  
ARCHITECTURAL GLASS SINCE 1920

# JEB Fusion™ Acoustical Rating Charts

## Monolithic JEB Fusion™ Laminated Glass

Nominal Thickness	Laminate Make-Up Glass Ply - PVB - Glass Ply	STC	OITC
1/4" (monolithic)		31	29
1/4"	1/8" - .030 - 1/8"	34	30
5/16"	1/8" - .030 - 1/8"	35	31
5/16"	1/8" - .090 - 1/8"	35	32
3/8"	3/16" - .030 - 3/16"	36	33
7/16"	3/16" - .060 - 3/16"	36	32
7/16"	3/16" - .090 - 3/16"	35	32
1/2" (monolithic)		36	33
1/2"	1/4" - .030 - 1/4"	37	33
9/16"	1/4" - .060 - 1/4"	37	33
3/4"	3/8" - .030 - 3/8"	40	34
1"	1/2" - .030 - 1/2"	42	35

## Insulating Glass Units with JEB Fusion™ Laminated Glass

Thickness	Glass Ply	Air Space	Glass Ply	STC	OITC
1" (no laminate)	1/4"	[1/2"]	1/4"	35	28
1"	1/4"	[1/2"]	1/4" LAG .030	39	30
1"	1/4" LAG .030	[1/2"]	1/4" LAG .030	42	35
1 1/8"	1/4" LAG .060	[1/2"]	1/4" LAG .060	41	33
1 3/16"	1/4" LAG .030	[1/2"]	1/4" LAG .030	40	35
1 1/4"	7/16" LAG .030	[1/2"]	7/16" LAG .030	40	33
1 1/2"	1/2" LAG .030	[1/2"]	1/2" LAG .030	41	35
1 5/8"	1/2" LAG .060	[1/2"]	1/2" LAG .060	42	36
1 5/16"	1/4"	[1/2"]	9/16" LAG .060	41	33

## Monolithic & Insulated Glass Units with SentryGlas® Interlayers

Thickness	Glass Ply – Interlayer / Airspace – Glass Ply	STC	OITC
9/16" lami	1/4" – .060 SGP – 1/4"	35	32
9/16" lami	1/4" – .035 SGP – 1/4"	35	33
1 5/16" IG	1/4" – [1/2"] 9/16" LAG .060	39	33
1 5/16" IG	1/4" – [1/2"] 1/2" LAG .035	39	33
1 3/16" IG	1/4" – [1/2"] 7/16" LAG .060	38	32
1 3/16" IG	1/4" – [1/2"] 3/8" LAG .035	38	32

## Points of Reference

4"	Brick Wall	45	40
6"	Solid Concrete Masonry Unit (C.M.U.)	50	44

\* Acoustical Values from GANA Laminated Glazing Reference Manual 2009 Edition test data; results are not guaranteed. Make-ups and values should only be used as a guide.

- LAG = Laminated Architectural Glass, two symmetrical lites of glass laminated with PVB.
- STC (Sound Transmission Class) - The average of the sound transmission losses between the frequencies of 125Hz and 4,000Hz.
- OITC (Outdoor-Indoor Transmission Class) - The standard used for indicating the rate of transmission of sound between outdoor and indoor spaces in a structure; it is based on ASTM E1332.
- JEB Fusion™ Laminated Glass conforms to ASTM C1172 Standards.
- JEB Recommends using a minimum of .060 interlayer for laminates with heat-treated glass or a component lite of 3/8" or thicker.
- Sizes Subject to Review; consult customer service for make-up limitations.
- Available in Annealed, Heat-Strengthened, Tempered and Heat Soaked

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